Bon Secour Management, LLC

1115 Devereux Lane

Mechanicsburg, PA 17050

RE: VAMC Martinsburg – Relocate Dementia Unit / **RFI**

1. Review and confirm the scale of the plans provided on Drawings TE-604 & TE-605. No scale has been provided.
   Response: See Amendment A00002 dated 11-05-2012

2. Review and clarify inner duct requirements for new Underground Duct banks A-A, B-B, C-C, & D-D. Duct bank Details 3-5 on Drawing E-503 for new Underground Duct banks A-A, B-B, & C-C indicate per Duct bank Note 5 to refer to the plans for inner duct size and quantity for one (1) each of the respective conduits in each duct bank. No inner duct sizes and quantities are currently shown on the plans. Duct bank Detail 8 on Drawing E-503 for new Underground Duct bank D-D indicates per Duct bank Note 5 to provide a 4" 3-cell Maxcell Inner duct in (1) duct, yet the duct bank conduit size is only 4". A 4" duct within a 4" duct is not possible. Review and confirm what is required for all duct banks.
   Response: See Amendment A00002 dated 11-05-2012

3. The finish schedule under section 10 26 00 it lists; wall guards & handrails, wall guard, AC-1 Wall protection, AC-2 Wall Protection, AC-3 Wall protection. Specs also call out Handrail/wall guard combinations, but no specs for what this combination item is. Drawings AE105 & AE106 show some details of these locations but not what type of wall protection. Please provide a complete drawing or exact rooms which require wall protection.
   Response: Wall guards should be located 12" and 2'-10" AFF in Service Corridor 263. Refer to detail 12/ AE-703 and 3/ AE-302

4. Drawing AE105 Bath for room 106 & 109 staff toilet shows vanity mirror, but the specs show no mirror. Please clarify what is required.
   Response: Provide 3'x4' frameless mirrors above bathroom vanity countertops @ 38" AFF, typical

5. Which drawings show all the relocated items that are shown on drawing ES101. Examples are pole lights, receptacles and pull boxes. It tells us to refer to the civil engineering drawings and coordinate new location with VA contracting officer's technical representative.
   Response: NOTE: Redlined attachments accompany response.

   No pole lights are to be relocated. On Sheet ES-101, delete Key Note 11. Attached Civil Drawing CS105 with colored mark up is the correct drawing to reference demolition of pole lights. On Sheet ES101, match location of removed pole lights with CS105. Total removed pole lights is 18. Removed pole lights to be salvaged and turned over to the VA. The VA shall have first right of refusal to salvaged pole lights.

Attached Civil Drawing CS105 with colored mark up is the correct drawing to reference demolition of receptacles. On sheet ES-101, match location of removed receptacles with CS105. Total quantity is 7.

Civil Drawing CS105 is the correct drawing to reference removal of receptacles for relocation. These receptacles are attached to the pavilion. Total quantity is 2. Relocation of pavilion is on CS105 and LP102. Revise Note 9 on Sheet ES-101 to read:

PAVILION SCHEDULED FOR RELOCATION. REMOVE DEVICES ATTACHED TO PAVILION AND REINSTALL AT NEW LOCATION. REFER TO CIVIL PLANS CS105 and LP102 FOR RELOCATION OF SHELTER. EXTEND CIRCUITING TO NEW LOCATION AND REATTACH TO SHELTER.

Civil Drawing CS105 is the correct drawing to reference relocation of an above grade electrical enclosure. On sheet ES-101, this is drawn as a pullbox and should be changed to an above grade electrical enclosure Note 8 should be revised to read:

REMOVE ABOVE GRADE ELECTRICAL ENCLOSURE AND METAL CHANNEL STRUCTURE MARKED "BLDG. 501 ELECTRONIC MONITORING PNL." TO NEW LOCATION. EXTEND CIRCUITING AND CONDUITS TO NEW LOCATION. PROPOSED NEW LOCATION IS IN THE VICINITY OF NEARBY NEW LOADING DOCK AREA. SEE SHEET ES-100 AND CS105. COORDINATE NEW LOCATION AND OBTAIN EXISTING CONDUIT ROUTING FROM ENCLOSURE WITH VA CONTRACTING OFFICER.

6. Please provide more wording details of the signs listed on Drawing AE906 through AE908.
   Response: Refer to the attached, revised signage drawings AE-904, AE-906 and AE-907. AE-908 is no longer relevant.

7. AE904 Signage Schedule: References “Sign Type” IN-20.01, but there is no details of this type of sign. Also references a EN-03.04, but no detail on AE906, AE907 or AE908. Please clarify what is required.
   Response: Refer to the attached, revised signage drawings AE-904, AE-906 and AE-907. AE-908 is no longer relevant.

8. Specification section 07 53 23 part 2.1 calls out .045 White EPDM. This product is not available. The minimum thickness for White EPDM is .060. Are we to figure .060 White EPDM?
   Response: .060 White EPDM is acceptable

9. Specification section 07 53 23 part 1.6 (Warranty) calls for “Roofing work subject to the terms of the Article “Warranty of Construction”, FAR clause 52.46-21”. There is no information regarding warranty term and degree desired. What roofing system warranty is desired for this project?
   Response: Delete Specification section 07 53 23 part 1.6 (Warranty) and insert the following:
   1.6 WARRANTY
   Roofing work subject to the terms of the Article “Warranty of Construction”, FAR clause 52.246-21, except extend the warranty period to 20 years on labor and material.

10. What size grabs bars & swing up grab bar systems are needed in the shower / bathroom areas?
    Response: Refer to Specification Section 09 06 00 Schedule of finishes, Section E, toilet and Bath Accessories

11. 07 18 13: Where would Pedestrian Traffic Coatings be required?
    Response: Balcony 269

12. 08 80 00
    a. 2.6 – C.1 Please confirm that the desired glass make-up is: 1" insul. ¼" lowE / argon gas in spacer / ¼" clear? I am confused as to the relevance of section 088000-3.9 which contradicts this make-up in several ways.
       Response: The insulating glass makeup is correct; tempering lites would only be necessary for windows near doors and floors per Code requirements.
    b. 2.6 –C.1—This section appears to be what designates the desired make-up for the insulated glass on this project. More specifically, note #4 for both outboard and inboard lites states for the glass to be "heat strengthened, tempered where required." In contrast, 2.6-C.3 states that glass "shall be annealed, heat strengthened, tempered as required by codes.
       Response: Follow 2.6-C.1.
       Please confirm whether glass can be annealed where allowed by code, or does the designer want HS / TEMP. glass at all insulated glass, regardless of code requirements?
       Response: Glass can be annealed where allowed, but would need to be tempered where Code requires the safety glazing.

13. Please confirm make / model of Fire Rated Safety Glass to be used in rated doors? *(As it applies in door types D6 & D12)*
    Response: Mfr: SaftiFirst; 20-minutes = SuperLite I; 3/4 hour = SuperLite I-xl; 1 ½ hour = SuperLite X-90

14. 3 / AE303 is a wall section at the box bay. However, I assume that for the floor line intersection (as per detail 2/AE602) it is typical of all of the curtainwall frames (FRAME TYPES 'W18 – W23'). This detail portrays the floor line intersecting the plane of the curtainwall frame. This inherently creates a situation in which the 1st floor frame is separate / independent of the 2nd floor frame. However, both the building elevations and window schedule portray the curtainwall jambs to run through the floor line. For this situation to work, please indicate whether: 1) The floor line will stop before the aluminum curtainwall thus allowing the mullions to run through. 2) The floor line will create two separate frames, in which storefronts would then be applicable; and a panel would be installed at the floor line, independent of the two frames.
    Response: The floor line will stop short of the curtain wall frame per sections 1 and 2 on S-304. The curtain wall can be continuous past the edge of floor.

15. 07 42 64
    a. Please clarify whether to use a wet joint system (clip and caulk) OR a rain screen system (dry joint) for the panel installation? Portions of the specification are contradictory. i.e.—4.3-G describes a rain screen system; whereas 4.3-G.3 describes a wet joint system.
       Response: Wet joint system is desired.
    b. Window types 'W18 – W23' call for a composite panel at the floor line area. The dimensions of this panel exceed manufacturer's capabilities. A composite panel sheet can be no larger the 62" x 196". From this size, you must deduct for the bends that inherently makes it a rout and return panel. *Window type 'W23' appropriately details a joint at the centerline of the curtainwall mullion, which would allow the panels to stay within manufacturing capabilities.* Please clarify.
       Response: add a vertical wet joint to align with each intermediate vertical mullion.

16. DOORS / DOOR HARDWARE
    c. Door # 130 is called to be an aluminum door (type 'D1), however it is also noted to be 45 min rated. Please clarify.
       Response: Door 130 should have no rating.
    d. 08 71 00-1.9 Provides a list of hardware manufacturers, but does not designate which one is to be applicable with each piece of functioning hardware. Furthermore, the manufacture is not listed within the hardware sets either.
        i. Am I to assume that the grade and specified function of hardware is important, but not necessarily the manufacturer? If so, is it acceptable to use IR products in lieu of the listed (i.e.—Von Duprin, LCN, etc.).
           Response: IR products are acceptable.

17. Concrete specifications have a section that reads Vapor Barrier per ASTM 4397 no less than 10 mil, but the Structural Drawings page S-401 under Slabs on Grade it reads that we are to conform to ASTM E1745 Class "A" w/minimum thickness 15 mil. Please clarify which to use?
    Response: Use 15 mil vapor barrier.

18. Structural Drawings S-401 in Slab on Grade section says to pour all interior slabs on grade in panels (alternate) with approx. 600 Sq. ft. per bay and control joints @ 30' max. Will this placement method be enforced as this will drastically heighten costs due to the number of placements needed?
    Response: Pour slab in an economical manner: Provide saw cut joints to maintain 600sf. Saw cut slab within 12 hours from the time the slab is poured. May provide alternate for approval by VA.

19. Per typical detail #3 on S-402 there is no reference to size or spacing of ties in the piers? Please advice?
    Response: Use #3 @ +/- 16" oc (one top and one bottom)

20. Are support chairs required to be used for slab on grade reinforcing or can the wire mesh be pulled up during concrete placement?
    Response: It is acceptable to pull during concrete placement

21. Are any concrete floor surface/hardeners required as it is mentioned in the specs, however per the Architectural Floor Finish Schedule only references sealed concrete in certain rooms? Please advice?
    Response: Follow Architectural Drawings

22. If alternates are accepted the concrete porch in the area of G3 & G4 is to be installed even if the courtyard is not. Since this is the case, when the courtyard option is shown the porch is marked as Exposed Aggregate, if the courtyard does not happen will the porch then go back to normal concrete or stay as exposed aggregate?
    Response: Remain exposed aggregate

23. AE105 @ the loading dock shows 2 sets of steps, but on S105 @ the loading dock only shows 1 set. Please clarify if 1 or 2 sets of steps is required.
    Response: Assumed that the reference is to Civil drawings CS106 rather than AE-105? Provide two stairs as delineated on Civil drawings

24. Please provide a detailed drawing; footers, CMU / veneer, etc., of what is required if the retaining wall (Bid Alternate #4) is chosen.
    Response: NA. Refer to revised CS109A

25. What would be the load capacity requirements & size of the pedestrian bridge noted on CS109A?
    Response: NA. Refer to revised CS109A